

Date: 2023-07-07

01_WLAN6GHz_802.11ax-HE80 MCS0_Left Tilted_0mm_Ch167

Communication System: U-NII-7; Frequency: 6785.000

Medium: HSL. Medium parameters used: $f = 6785.000$ MHz; $\sigma = 6.49$ S/m; $\epsilon_r = 34.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.85, 5.85, 5.85); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2023-02-21
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (102.0 mm x 204.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

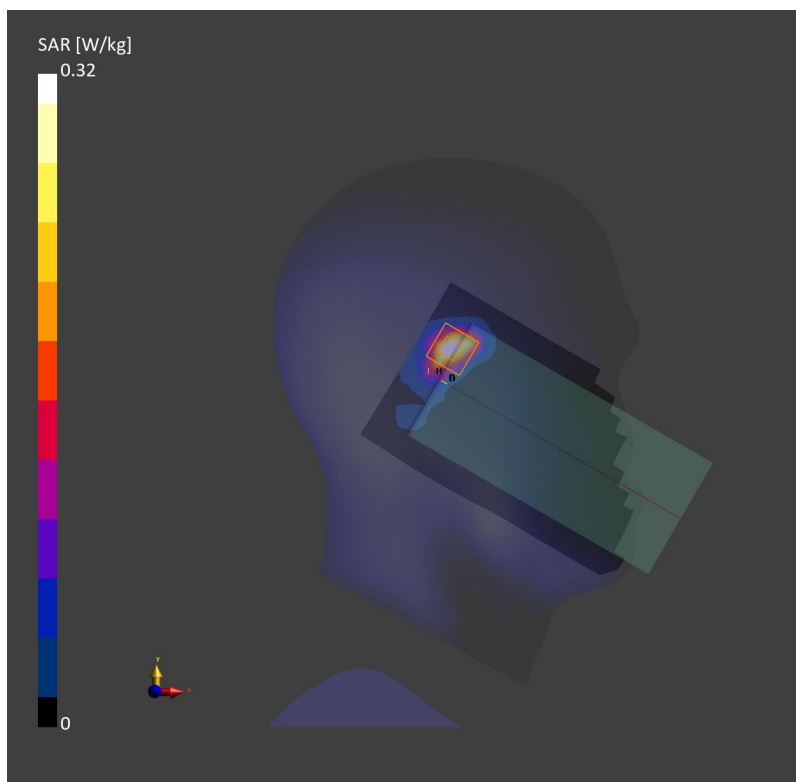
SAR (1g) = 0.280 W/kg; SAR (10g) = 0.089 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = -0.11 dB

SAR (1g) = 0.320 W/kg; SAR (10g) = 0.093 W/kg;

psAPD (4.0cm², sq) = 2.13 [W/m²];



Date: 2023-07-07

02_WLAN6GHz_802.11ax-HE80 MCS0_Back_5mm_Ch215

Communication System: U-NII-8; Frequency: 7025.000

Medium: HSL. Medium parameters used: $f = 7025.000$ MHz; $\sigma = 6.78$ S/m; $\epsilon_r = 33.7$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.85, 5.85, 5.85); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2023-02-21
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (105.0 mm x 195.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

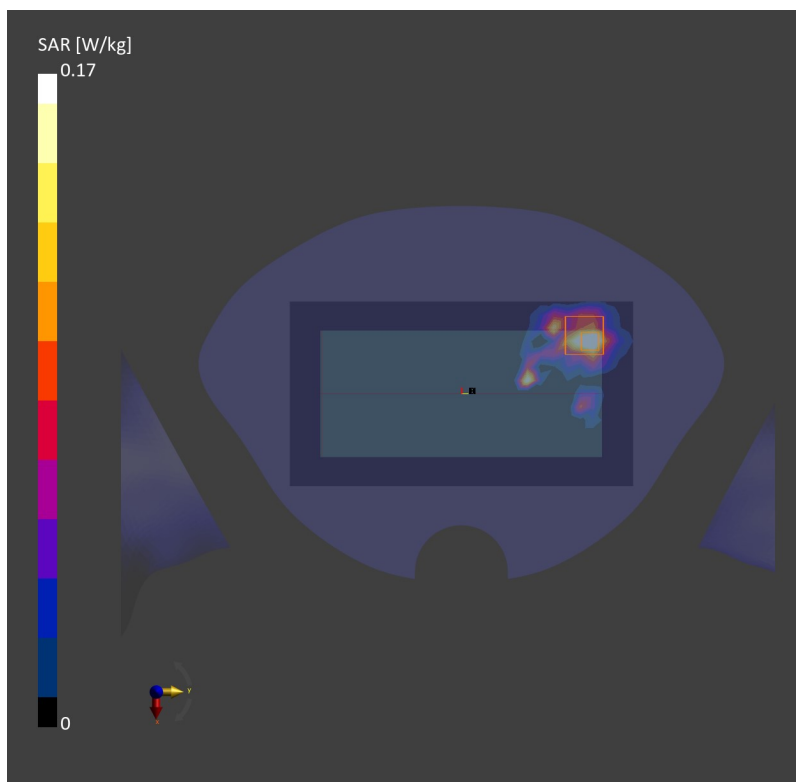
SAR (1g) = 0.165 W/kg; SAR (10g) = 0.051 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.07 dB

SAR (1g) = 0.170 W/kg; SAR (10g) = 0.052 W/kg;

psAPD (4.0cm², sq) = 1.19 [W/m²];



03_WLAN6GHz_802.11ax-HE80 MCS0_Top Side_0mm_Ch167

Communication System: U-NII-7; Frequency: 6785.000

Medium: HSL. Medium parameters used: $f = 6785.000$ MHz; $\sigma = 6.49$ S/m; $\epsilon_r = 34.1$

Ambient Temperature: 23.3°C; Liquid Temperature: 22.9°C

DASY6 Configuration:

- Probe: EX3DV4 - SN7706; ConvF(5.85, 5.85, 5.85); Calibrated: 2023-01-26
- Sensor-Surface: 1.4 mm
- Electronics: DAE4 Sn1358; Calibrated: 2023-02-21
- Phantom: Twin-SAM V8.0 (30deg probe tilt); Serial: 2024
- Measurement Software: cDASY6 V6.6.0.13926

Area Scan (48.0 mm x 102.0 mm): Measurement Grid: 8.5 mm x 8.5 mm

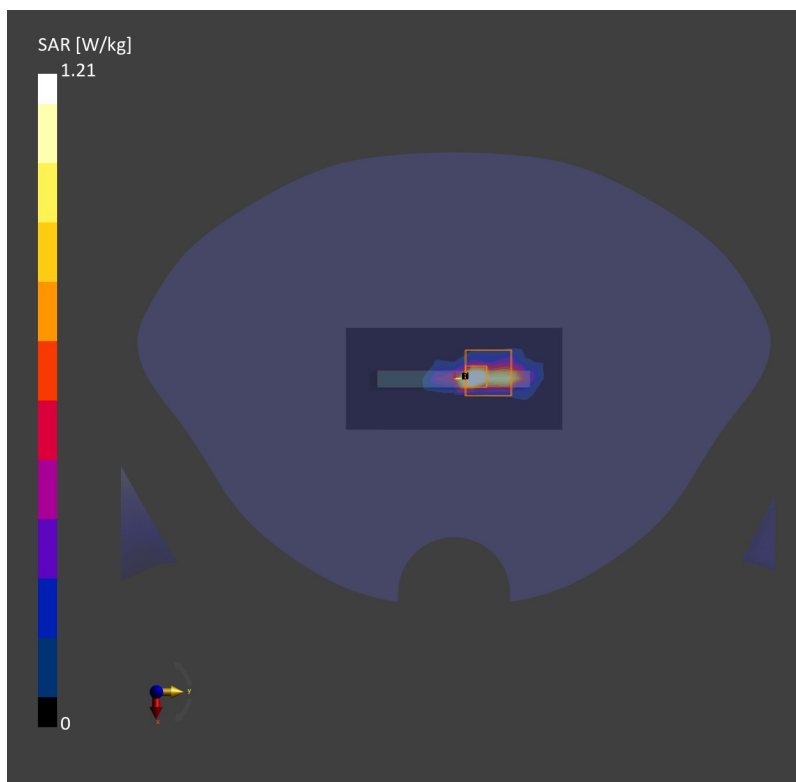
SAR (1g) = 0.995 W/kg; SAR (10g) = 0.246 W/kg;

Zoom Scan (22.0 mm x 22.0 mm x 22.0 mm): Measurement Grid: 3.4 mm x 3.4 mm x 1.4 mm

Power Drift = 0.01 dB

SAR (1g) = 1.21 W/kg; SAR (10g) = 0.240 W/kg;

psAPD (4.0cm², sq) = 5.63[W/m²];



01_WLAN6GHz_802.11ax-HE80 MCS0_Top Side_2mm_Ch167

Device Under Test Properties

Model, Manufacturer	Dimensions [mm]	IMEI	DUT Type
Device,	160.0 x 72.0 x 12.5		Phone

Exposure Conditions

Phantom Section	Position, Test Distance [mm]	Band	Group, UID	Frequency [MHz], Channel Number	Conversion Factor
5G	EDGE TOP, 2.00	U-NII-7	WLAN, 10719-AAC	6785.0, 167	1.0

Hardware Setup

Phantom	Medium	Probe, Calibration Date	DAE, Calibration Date
mmWave - 1065	Air -	EUmmWV4 - SN9553_F1-55GHz, 2022-09-09	DAE4 Sn1338, 2022-12-15

Scans Setup

Scan Type	5G Scan
Grid Extents [mm]	120.0 x 120.0
Grid Steps [lambda]	0.0625 x 0.0625
Sensor Surface [mm]	2.0
MAIA	N/A

Measurement Results

Scan Type	5G Scan
Date	2023-07-11
Avg. Area [cm²]	4.00
psPDn+ [W/m²]	1.85
psPDtot+ [W/m²]	2.75
psPDmod+ [W/m²]	5.54
E _{max} [V/m]	75.0
Power Drift [dB]	0.02

